



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095

(603) 271-2457 FAX (603) 271-7894



Mr. Corey Smith
Waterville Estates
1 Winterbrook Rd Box 36
Campton, New Hampshire 03223

LETTER OF DEFICIENCY
WMB PBF 03-06
February 14, 2003

Dear Mr. Smith:

The Department of Environmental Services, Water Division ("DES") is required by RSA 485-A:26 to operate a program to ensure the health and safety of the public when using public bathing facilities such as pools and spas. To implement this program, DES has adopted administrative rules Env-Ws 1101-1105 to specify the design, operation, and maintenance requirements for public bathing facilities. DES reviews applications for new public bathing facilities and also inspects and tests the water in existing public bathing facilities to ensure that applicable requirements are being met.

On February 6, 2003, DES inspected the following public bathing facilities at the Waterville Estates, in Campton, NH: the indoor oval pool ("Oval Pool"), the indoor lap pool ("Lap Pool") and the indoor spa ("Indoor Spa").

During this inspection, the following deficiencies were noted

A recommendation to close and super chlorinate the Oval Pool was issued on February 6, 2003. The inspection on February 6, 2003 revealed that the Oval Pool was in violation of Env-Ws 1103.14 and unsafe for public use. The following bacterial violations were observed in the Oval Pool water:

- a. Pursuant to Env-Ws 1103.14(a)(1) the maximum allowable concentration of total coliform bacteria and *Escherichia coli* in public bathing facility water is zero counts per one hundred milliliters (0CTS/100mL). The Oval Pool water contained 1 CTS/100mL of total coliform bacteria.
- b. Pursuant to Env-Ws 1103.14(a)(2) the maximum allowable Heterotrophic Plate Count (HPC) in public bathing facility water is five hundred colony-forming units per one milliliter (500 cfu/mL). The Oval Pool water contained 1,400 cfu/mL.
- c. The maximum allowable concentration of non-coliform bacteria in public bathing facility water is two hundred counts per one hundred milliliters (200 CTS/100mL). The Oval Pool water contained greater than 200 CTS/100mL.

2. A recommendation to close and super chlorinate the Lap Pool was issued on February 6, 2003. The inspection on February 6, 2003 revealed that the Lap Pool was in violation of Env-Ws 1103.14 and unsafe for public use. The following bacterial violations were observed in the Lap Pool water:

- a. Pursuant to Env-Ws 1103.14(a)(2) the maximum allowable Heterotrophic Plate Count (HPC) in public bathing facility water is five hundred colony-forming units per one milliliter (500 cfu/mL). The Lap Pool water contained greater than 50,000 cfu/mL.
- b. The maximum allowable concentration of non-coliform bacteria in public bathing facility water is two hundred counts per one hundred milliliters (200 CTS/100mL). The Lap Pool water contained greater than 200 CTS/100mL.

3. A recommendation to close and drain the Indoor Spa was issued on February 6, 2003. The inspection on February 6, 2003 revealed that the Indoor Spa was in violation of Env-Ws 1103.14 and unsafe for public use. The following bacterial violations were observed in the Indoor Spa water:

- a. Pursuant to Env-Ws 1103.14(a)(2) the maximum allowable Heterotrophic Plate Count (HPC) in public bathing facility water is five hundred colony-forming units per one milliliter (500 cfu/mL). The Indoor Spa water contained greater than 50,000 cfu/mL.
- b. The maximum allowable concentration of non-coliform bacteria in public bathing facility water is two hundred counts per one hundred milliliters (200 CTS/100mL). The Indoor Spa water contained greater than 200 CTS/100mL.

4. Env-Ws 1103.15(c) requires a bromine concentration between 2.0 mg/L and 4.0 mg/L in public pool water. The bromine concentration of the Oval Pool water was less than 0.1 mg/L on February 6, 2003. The bromine concentration of the Lap Pool water was less than 0.1 mg/L on February 6, 2003.
5. Env-Ws 1103.16(e) requires a bromine concentration between 2.0 mg/L and 5.0 mg/L in public spa water, with an absolute maximum of 10 mg/L bromine. The bromine concentration of the Indoor Spa water was less than 0.1 mg/L on February 6, 2003.

A report outlining how compliance will be achieved with the cited deficiencies should be submitted to DES within 30 calendar days from receipt of this letter.

DES personnel will conduct another inspection at a later date to determine whether you have come into, and are maintaining, full compliance with RSA 485-A:26 and Env-Ws 1101-1105. After a violation of Env-Ws 1103.14, the facility will be required to pass two inspections in the following months. In the event that compliance is not achieved, DES may take further action, including seeking an administrative fine up to \$2,000 for each offense or referring the case to the NH Attorney General's Office for judicial action.

We appreciate your cooperation in this matter. Please contact Amy Wilson at (603) 271-7108 if you have any questions regarding this letter. Copies of Env-Ws 1101-1105 are available through the DES Public Information Center at (603) 271-2975 or via the Internet at <http://www.des.state.nh.us/pools/env1100.pdf>.

Sincerely,

COPY

Jody Connor
Limnology Center Director

Certified Mail # 7000 1670 0000 0585 9237

cc: Mark Harbaugh, Enforcement Attorney, DES ✓
Amy Wilson, Public Bathing Facility Coordinator, DES
Robert Burhoe, Sr., Health Officer, Town of Campton

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